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NPIC/R-280/63
November 1963

PHOTOGRAPHIC INTERPRETATION REPORT

SUSPECT AMMUNITION LOADING PLANT NEAR CHU-CHIANG (SHAO-KUAN), CHINA

DECLASS REVIEW by NIMA/DOD

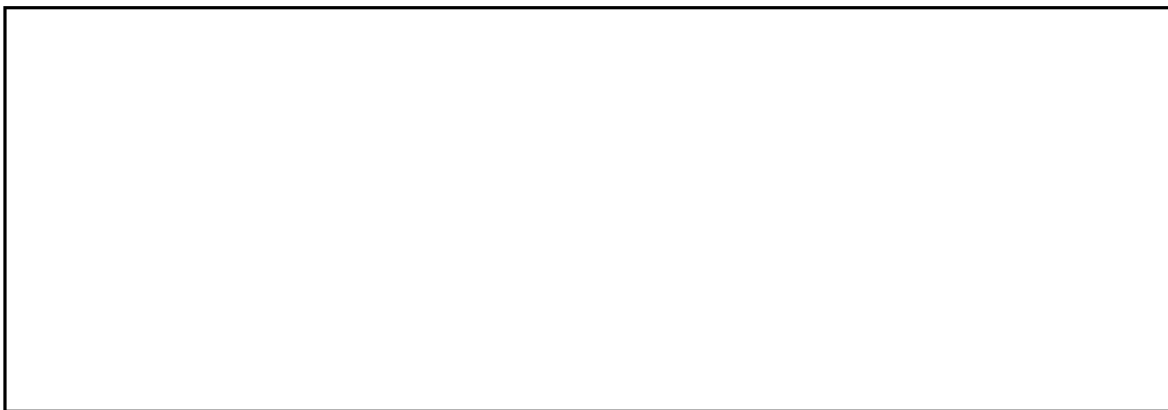


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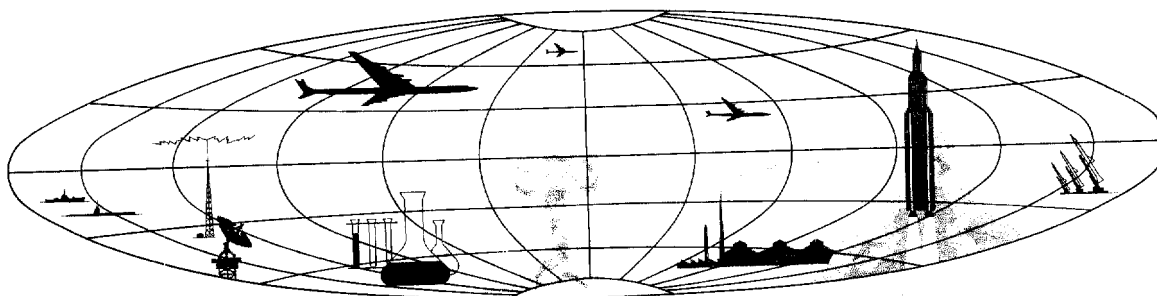


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SUSPECT AMMUNITION LOADING PLANT NEAR CHU-CHIANG (SHAO-KUAN), CHINA

SUMMARY

A suspect* ammunition loading plant has been identified northwest of Chu-chiang (Shao-kuan), China. The type of ammunition being pro-

duced (whether projectiles, bombs, or mines) or the nature of the fill being loaded (whether high explosive or chemical) cannot be determined.

INTRODUCTION

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The suspect ammunition loading plant is located 8.5 nautical miles (nm) northwest of the town of Chu-chiang, China, at 24-55N 113-29E (Figure 1). It is situated on hilly terrain in a bend of the Wu Shui (River) and covers an area of approximately 3 square nm.

Photography of the area in [] reveals only several ground scars and a few access roads which indicate an early stage of construction at that time. The [] photography reveals construction on the site; however, the major components appear to be completed. Photography of the plant is of very poor quality and extreme obliquity precludes positive identification of many features.

DESCRIPTION OF FACILITIES

The suspect ammunition loading plant consists of a possible production area, a suspect ammunition loading facility, a probable storage area, a housing area, and a possible construction camp (Figure 2). Several groups of unidentified buildings and several areas of unidentified activity are scattered throughout the site. The only visible security measures are a possible fence surrounding the northern part of the suspect loading facility and a wall enclosing part of the housing area. No roof ventilators

are visible on the buildings and, although many of the buildings are revetted, no blast wall construction is observed. All areas of the plant site are interconnected by roads and the plant appears to be road served only. The main Chu-chiang/Chen-hsien railroad passes 2 nm to the east. The nearest rail-to-road transfer point appears to be located 4.5 nm southeast of the plant at a small village at 24-52N 113-33E. Earthen dams have been built in numerous locations throughout the site to stabilize the terrain and/or to provide small reservoirs.

*As used in this report the following terms apply:

Suspect--Evidence is insufficient to permit designation of a function with any degree of certainty, but photography or other information provide some indications of what the function may be.

Possible--Evidence indicates that the designated function is reasonable and more likely than other functions considered.

Probable--Evidence for the designated function is strong and other functions appear quite doubtful.

POSSIBLE PRODUCTION AREA

The possible production area contains nine small revetted structures, eight unrevetted buildings, and an unrevetted possible final process building. A probable covered passageway

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connects one of the revetted structures with the possible final process building. Probable pipelines connect seven of the revetted structures. The sizes of the revetments vary from 200 by 200 feet to 150 by 150 feet and their average height is 10 feet. The possible final process building measures about 85 by 35 feet. The largest unrevetted building has a gable roof and measures approximately 145 by 50 feet and 15 feet high.

vetted building also connected to the probable covered passageway, and nine other structures. The sizes of earthen revetments range from approximately 200 by 200 feet and 10 feet high to approximately 300 by 200 feet and 15 feet high. The gable-roofed buildings within these revetted areas range from about 50 by 25 feet to 80 by 40 feet and are approximately 10 feet high at the eaves. The unrevetted gable-roofed building connected to the covered passageway is approximately 115 by 40 feet and appears to have a high and a low section; the highest portion of the taller section is approximately 25 feet. A separate gable-roofed building just east of this structure is approximately 140 by 55 feet and 15 feet high at the eaves.

SUSPECT AMMUNITION LOADING FACILITY

The suspect ammunition loading facility contains 10 revetted buildings interconnected by a probable covered passageway, a larger, unre-

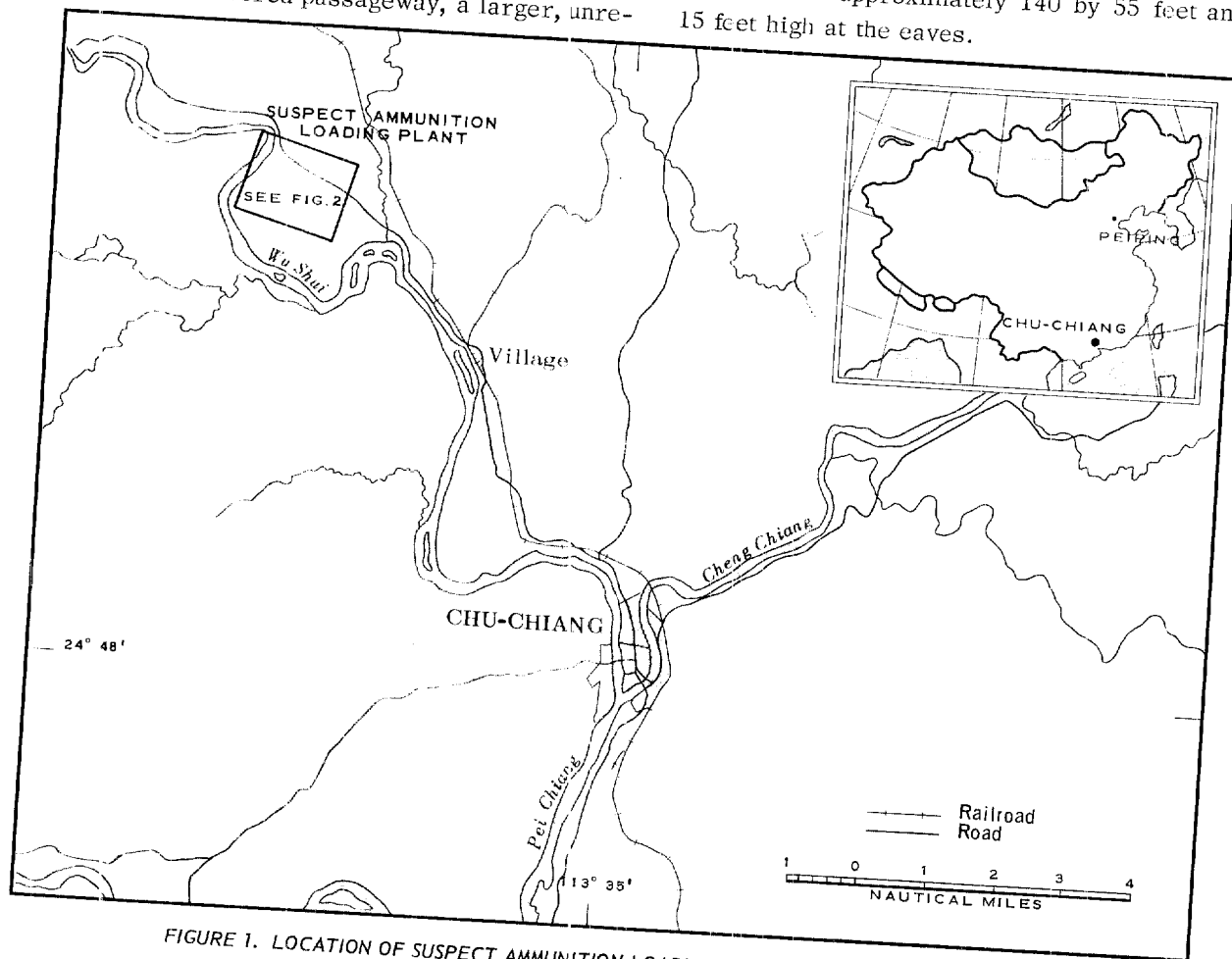


FIGURE 1. LOCATION OF SUSPECT AMMUNITION LOADING PLANT NEAR CHU-CHIANG, CHINA.

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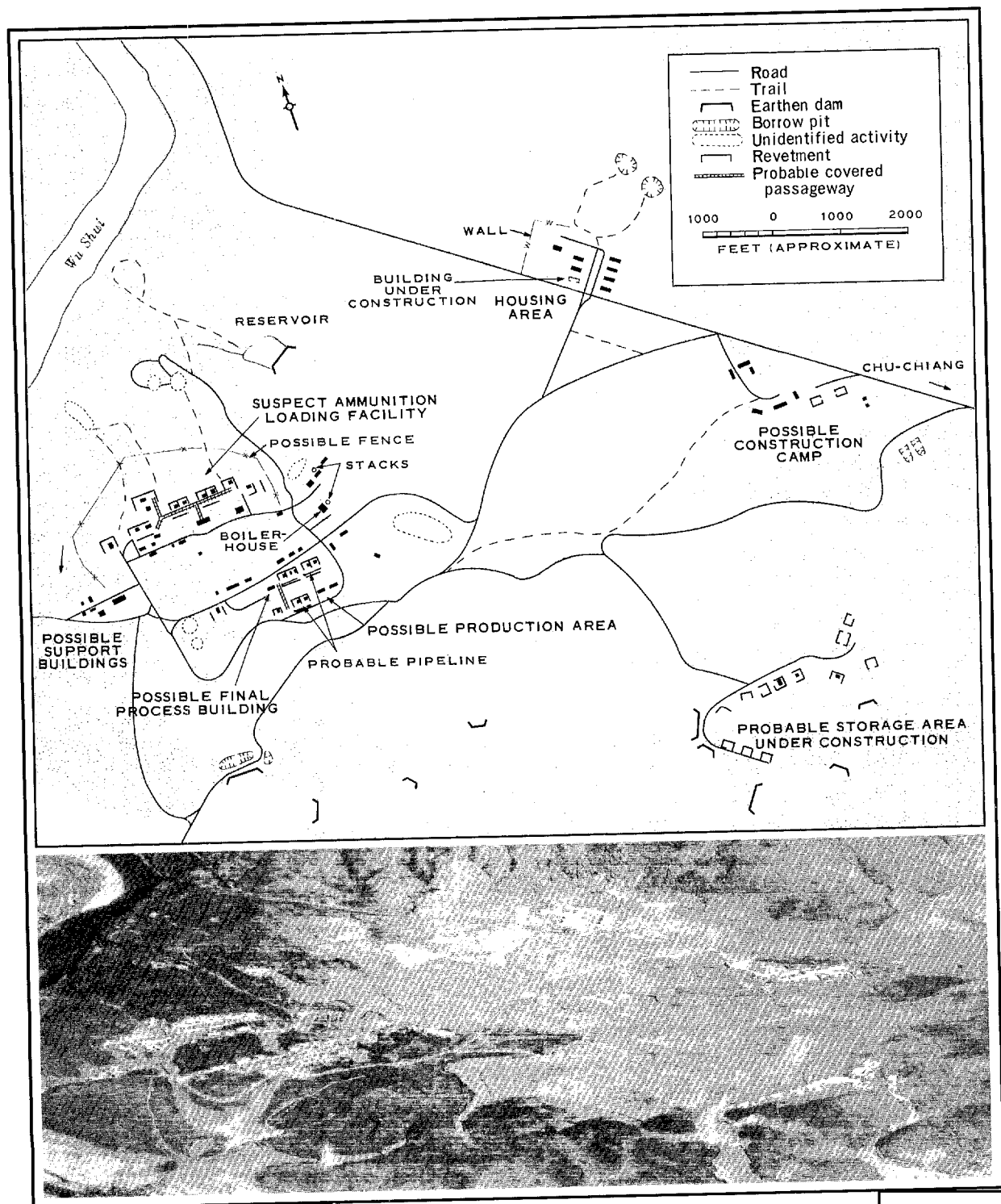


FIGURE 2. SUSPECT AMMUNITION LOADING PLANT, [REDACTED]

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A boilerhouse with a smokestack estimated to be 115 feet high and a small structure with an estimated 70-foot-high smokestack are located just east of, and adjacent to, the suspect loading facility and the possible production area. No steam lines can be identified near the boilerhouse. Six possible support buildings are located just west of, and adjacent to, the suspect loading facility and the possible production area.

HOUSING AREA

The housing area consists of seven completed, apparently flat-roofed buildings approximately 115 by 35 feet and 25 feet high. The probable foundation of an additional building under construction is also visible. Fill from nearby borrow pits was probably used to terrace the site of the four buildings east of the access road.

PROBABLE STORAGE AREA

The probable storage area contains 12 revetments in various stages of construction. They range in size from approximately 140 by 120 feet to 100 by 100 feet and average an estimated 15 feet high. Cable-roofed buildings, each measuring about 50 by 20 feet and 15 feet high, appear to be in place in three of the revetments.

POSSIBLE CONSTRUCTION CAMP

A possible construction camp may have been used to house construction workers and provide support facilities since it appeared more active in [] and is adjacent to the main road leading into the area. Several small buildings and two apparently abandoned revetments or compounds are visible on []

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CONCLUSION

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REFERENCES

PHOTOGRAPHY

<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frames</u>	<u>Classification</u>
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MAPS AND CHARTS

AMS. Series L781, Sheet 7629-I, 3d ed, May 60 and Sheet 7729-IV, 1st ed, 1944, scale 1:50,000 (UNCLASSIFIED)

ACIC. US Air Target Chart, Series 100, Sheet S0498-9984-100A, 1st ed, Sep 57, scale 1:100,000 (CONFIDENTIAL)

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ACIC. US Air Target Chart, Series 200, Sheet S0498-16A, 1st ed, Apr 59, scale 1:200,000 (SECRET)

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DOCUMENTS

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REQUIREMENT

CIA/OSI. C-SI-3-80,250

NPIC PROJECT

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